

Chemistry
Ticket Out the Door
Set 2 Scientific Notation

Name _____ Period _____

Skill 2.1 Exercise 1

Convert each of the following to scientific notation

50000

17890

0.00045600

0.0100

Skill 2.1 Exercise 2

Report the following measurements using scientific notation to the appropriate significant figures:

32000 to 2 significant figures

19999 to 1 significant figure

0.001000 to 2 significant figures

0.07 3 significant figures

Skill 2.1 Exercise 3

Estimate the jelly beans in the jar. Report this estimate to the appropriate number of significant figures.



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Name _____ Period _____

Skill 2.2 Exercise 1	
Convert each of the following to normal notation	
2.0×10^3	
2.0001×10^3	
3.12×10^{-5}	
1.200×10^{-3}	